96-16-06 PART B - FEE(S) TRANSMITTAL

JUN 1 4 2006	w)		01	Commi P.O. Bo Alexan F <u>Fax</u> (571)-2	ssioner fo ox 1450 dria, Virg 73-2885	r Patents inia 22313			
INSTRUCTIONS: This to appropriate. All further en indicated tipless cappeded maintenance fee horification	ym should be used for tran rrespondence including the below or directed otherwise hs.	Smitting the ISSU Patent, advance of in Block 1, by (a	JE FEE and rders and notical specifying:	PUBLICATION I ification of mainte a new corresponde	FEE (if requenance fees vence address;	ired). Blocks vill be mailed and/or (b) in	I through 5 s i to the current ndicating a sep	should be completed where correspondence address as arate "FEE ADDRESS" for	
CURRENT CORRESPONDENC	DE ADDRESS (Note: Use Block 1 for 90 04/20/2006 NGELL, LLP			Note: A of Fee(s) Tripapers. E. have its o	certificate of ansmittal. The ach additional wn certificate Certificate certify that the stal Service vertify the Mail	mailing can is certificate of la paper, such the of mailing of tificate of Mailing of tificate of Mailing of the sufficient of the suffici	only be used for annot be used as an assignment or transmission.  ailing or Transmismittal is bein to postage for fire FFE address	or domestic mailings of the for any other accompanying ent or formal drawing, must	
06/19/2006 SHASSEN2 00	000076 041105 100240	)65		C de	va Jary			(Depositor's name)	
	00 DA			77	Vallar			(Signature)	
	00 DA 00 DA			June	14 200	06		(Date)	
APPLICATION NO.	FILING DATE		FIRST NAMEI	DINVENTOR		ATTORNEY	DOCKET NO.	CONFIRMATION NO.	
10/024,065	12/18/2001		Hisashi	Nagata -		56800	(46547)	5285	
APPLN. TYPE	SMALL ENTITY	ISSUE F	EE	PUBLICATIO	N FEE	TOTAL F	EE(S) DUE	DATE DUE	
nonprovisional	NO	\$1400	0	\$300		\$1	700	07/20/2006	
EXAM	IINER	ART UN	IIT	CLASS-SUBO	CLASS				
LEWIS, D.	AVID LEE	2629		345-2040	000				
1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).  Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.			or agents OR, alternatively,  (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.					Gr.Conling m J. Daley, Jr. s, Angell, Palme	
<u> </u>	RESIDENCE DATA TO B	E PRINTED ON T	<u> </u>				& Dodge	LI.P	
PLEASE NOTE: Unless recordation as set forth in (A) NAME OF ASSIGN	an assignee is identified be 137 CFR 3.11. Completion EE	elow, no assignee of this form is NO	data will apport a substitute (B) RESIDE	ear on the patent. for filing an assign NCE: (CITY and S			ed below, the d	ocument has been filed for	
-	shiki Kaisha		Osaka,	_	_			_	
Please check the appropriate	assignee category or catego	ries (will not be pr	inted on the pa	atent):	idual 🔀 Co	orporation or o	other private gro	oup entity Government	
4a. The following fec(s) are Issue Fee IPUP Publication Fee (No s IPUP Advance Order - # of	mall entity discount permitte		Payment The Direct	in the amount of th by credit card. For	m PTO-2038 orized by chai	is attached.	ed fee(s), or cre (enclose an extr	dit any overpayment, to a copy of this form).	
_ ~ .	(from status indicated above	,				r' es legres r		CD 1 07( )(0)	
• •	MALL ENTITY status. See is requested to apply the Issublication Fee (if required) vords of the United States Pate			ant is no longer cla y) or to re-apply a other than the app					
Authorized Signature	William	1 als		D	<sub>ate</sub> June	14, 20	06		
Typed or printed name	William J. Daley	y, Jr.		R	egistration N	o. 35,48	37	<del> </del>	
This collection of information application. Confidentiali	on is required by 37 CFR 1.3 ty is governed by 35 U.S.C.	11. The informatio 122 and 37 CFR	n is required t	to obtain or retain a lection is estimated	benefit by the total to take 12 n	he public whi	ch is to file (and	by the USPTO to process) g gathering, preparing, and	

an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gautering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/17 (01-06)
Approved for use through 7/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Fee DescriptionFee (\$)FeeEach claim over 20 (including Reissues)50Each independent claim over 3 (including Reissues)200	4M1/	/					o ,oopond tt			is it displays a val	0.00
FILE TKATNOSINITAL For FY 2006  Finst Named Inventor First Named Invento	Fee	•					Annlication				5
FOR FY 2006  First Named Inventor Hisashi Nagata Examiner Name D. L. Lewis Applicant claims small entity status. See 37 CFR 1.27  TOTAL AMOUNT OF PAYMENT (\$) 1,730.00 Attorney Docket No. 56800(46547)  METHOD OF PAYMENT (check all that apply)  Check Credit Card Money Order None Other (please identify):  X Deposit Account Deposit Account Number: 04-1105 Deposit Account Name Edwards Angell Palmer & Dodge LLP For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)  X Charge fee(s) indicated below  Totage any additional fee(s) or underpayment of See(s) indicated below. Edwards Angell Palmer & Dodge LLP For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)  X Charge fee(s) indicated below  Totage fee(s) indicated below are due upon filling or may be subject to a surcharge.)  1. BASIC FILING, SEARCH, AND EXAMINATION FEES  FILING FEES SEARCH FEES Small Entity Application Type Fee(s) Fee(s		FEE IKANSIVIIIIAL				-		Marriber	<del></del>		
Applicant claims small entity status. See 37 CFR 1.27											
Application type Fee (S) Fee (S) Plant Plant 200 100 100 100 100 100 100 100 100 100		F01 F1 2000									
METHOD OF PAYMENT (check all that apply)	Г	Applicant c	laime emall enti	ty status See	37 CFR 1 2	, F	<del></del> .				
Check   Credit Card   Money Order   None   Other (please identify):	TO			<u> </u>		<del></del>		akat Na		<u></u>	
Check Credit Card Money Order None Other (please identify):    Check   Deposit Account   Deposit Account Number: 04-1105   Deposit Account Name: Edwards Angell Palmer & Dodge LLP							Allomey Do	cket No.	30000(403		
Deposit Account   Deposit Account Number: Q4-1105   Deposit Account Name: Edwards Angell Palmer & Dodge LLP	ME	7				<u> </u>					
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)    X   Charge fee(s) indicated below   Charge fee(s) indicated below, except for the filling to the fee(s) under 37 CFR 1.16 and 1.17    X   Credit any overpayments	<u> </u>		_J	ш	•			•	· · · · · · · · · · · · · · · · · · ·		
Charge fee(s) indicated below.  Charge fee(s) indicated below, except for the filling in the composition of the filling in the composition of the	L×										LLP
Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17  FEE CALCULATION (All the fees below are due upon filling or may be subject to a surcharge.)  1. BASIC FILING, SEARCH, AND EXAMINATION FEES FILING FEES Small Entity Application Type Fee (\$) Fee (\$	ŀ			· ·		irector is l			Ť		
FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)  1. BASIC FILING, SEARCH, AND EXAMINATION FEES   FILING FEES   Small Entity   Fee (\$)   Fee (	ĺ	x Cha	rge fee(s) indi	icated below			,CI	narge fee(s) i	ndicated belov	w, except for	the filing
FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)						ment of	x Cr	edit any over	payments		
T. BASIC FILING, SEARCH, AND EXAMINATION FEES   SEARCH FEES   Small Entity   Fee (\$)	<b> </b>						films or s	bab	:	raharra \	
Filling FEES   Small Entity   Fee (\$)   Fee			<del></del>				ming or n	nay be sub	ject to a sur	rcnarge.)	
Application Type	1"	ASIC FILING,	, SEARCII, AI				RCH FEES	S EXAM	INATION FE	ES	
Utility	١.		_	<u>Sm</u>	all Entity		Small En	<u>tity</u>	Small Ent	iity	
Design			<u>e F</u>					•		<u>Fees</u>	Paid (\$)
Plant		•									
Reissue 300 150 500 250 600 300  Provisional 200 100 0 0 0 0 0 0  2. EXCESS CLAIM FEES		•									_
Provisional 200 100 0 0 0 0 0 0 0 0 0 0 0 0 2. EXCESS CLAIM FEES											
2. EXCESS CLAIM FEES  Fee (\$)	1										
Fee (\$) Fee (\$	1			200	100	0	0	0	0		
Each claim over 20 (including Reissues)  Each lindependent claims over 3 (including Reissues)  Multiple dependent claims  Total Claims  Sextra Claims  Bestra Claims  Tee (\$)  Fee Paid (\$)  HP = highest numer of total claims paid for, if greater than 20.  Indep. Claims  Bestra Claims  Bestra Claims  Fee (\$)  Fee Paid (\$)  Indep. Claims  Bestra Claims  Fee (\$)  Fee Paid (\$)  The highest numer of independent claims paid for, if greater than 3.  3. APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets  Extra Sheets  Number of each additional 50 or fraction thereof  Fee (\$)  Fee Paid (\$)  Fee Paid (\$)  Cround up to a whole number) x  =  4. OTHER FEE(\$)  Non-English Specification, \$130 fee (no small entity discount)  Other (e.g., late filing surcharge):  1504 Publication fee for early, voluntary, or normal  8001 Printed copy of patent w/o color  Submitted by  Registration No. (Altomey/Agent)			vi FEES							E00 (\$)	Small E
Each independent claims  Multiple dependent claims  Total Claims  Extra Claims  Extra Claims  Fee (\$)  Fee Paid (\$)  Multiple Dependent Claims  38			O (including l	Daissuas)							100
Multiple dependent claims  Total Claims  Extra Claims  Fee (\$)  Fee Paid (\$)  Multiple Dependent Claims  Fee (\$)  Fee Paid (\$)  Multiple Dependent Claims  Fee (\$)  Fee Paid (\$)  Fee Paid (\$)  Indep. Claims  Extra Claims  Extra Claims  Fee (\$)  Fee Paid (\$)  B  -8 =				•	Peissues)						10
Total Claims		•		(including i	(Clasaca)						1
Submitted by   Signature   S		•		me Foo	/ <b>¢</b> \	Foo Pa	id (\$)	A	Multinle Dene		
HP = highest numer of total claims paid for, if greater than 20.   Indep. Claims	<u>''</u>		•		<u> </u>	10010	πα (ψ)	-			•
R	1				than 20.			-	<u>cc (ψ)</u>	1001010	*1
R	HP	ep. Claims	Extra Clair	ms Fee	(\$)	Fee Pa	id (\$)				_
3. APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets				_ x							
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets		88	\ <b>=</b>								
listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets	Ind			laims paid for, if	greater than	3.					
sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).  Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)  - 100 = /50 (round up to a whole number) x =  4. OTHER FEE(S) Fees Paid (\$)  Non-English Specification, \$130 fee (no small entity discount)  Other (e.g., late filing surcharge): 1501 Utility issue fee 1,400.00  1504 Publication fee for early, voluntary, or normal 300.00  8001 Printed copy of patent w/o color 30.00  SUBMITTED BY  Signature Registration No. (Attorney/Agent) 35,487 Telephone (617) 439-444	Ind HP	highest numer of	of independent cl								
Total Sheets Extra Sheets   Number of each additional 50 or fraction thereof   Fee (\$)   Fee Paid (\$)	HP 3. A	= highest numer of PPLICATION ne specification	of independent cl SIZE FEE on and drawin	ngs exceed 10	00 sheets o	f paper (e					
4. OTHER FEE(S)  Non-English Specification, \$130 fee (no small entity discount)  Other (e.g., late filing surcharge): 1501 Utility issue fee 1,400.00  1504 Publication fee for early, voluntary, or normal 300.00  8001 Printed copy of patent w/o color 30.00  SUBMITTED BY  Signature  Registration No. (Attorney/Agent) 35,487 Telephone (617) 439-444	HP 3. A	highest numer of PPLICATION ne specification listings under	of independent cl SIZE FEE on and drawin 37 CFR 1.52	ngs exceed 1( (e)), the appl	00 sheets o lication siz	f paper (e e fee due	is \$250 (\$1:	25 for small of			0
4. OTHER FEE(S)  Non-English Specification, \$130 fee (no small entity discount)  Other (e.g., late filing surcharge): 1501 Utility issue fee 1,400.00  1504 Publication fee for early, voluntary, or normal 300.00  8001 Printed copy of patent w/o color 30.00  SUBMITTED BY  Signature  Registration No. (Attorney/Agent) 35,487 Telephone (617) 439-444	HP 3. A	highest numer of PPLICATION ne specification listings under sheets or fract	of independent of SIZE FEE on and drawin 37 CFR 1.52 tion thereof.	ngs exceed 10 (e)), the appl See 35 U.S.C	00 sheets o lication siz C. 41(a)(1)(	f paper (e e fee due (G) and 3	is \$250 (\$1: 7 CFR 1.16	25 for small (s).	entity) for eac	ch additional 5	
Non-English Specification, \$130 fee (no small entity discount)  Other (e.g., late filing surcharge):  1501 Utility issue fee 1,400.00  1504 Publication fee for early, voluntary, or normal 300.00  8001 Printed copy of patent w/o color 30.00  SUBMITTED BY  Signature  Registration No. (Attorney/Agent) 35,487 Telephone (617) 439-444	1nd HP 3. A If t	PPLICATION ne specification listings under sheets or fract Total Sheets	of independent of SIZE FEE on and drawin 37 CFR 1.52 tion thereof.	ngs exceed 10 (e)), the appl See 35 U.S.C Sheets	00 sheets o lication siz C. 41(a)(1)( <u>Number o</u>	f paper (e e fee due (G) and 3'	is \$250 (\$1: 7 CFR 1.16 <u>litional 50 or</u>	25 for small ( (s). fraction there	entity) for eac	ch additional 5	
Other (e.g., late filing surcharge): 1501 Utility issue fee 1,400.00 8001 Printed copy of patent w/o color 300.00 8001 Printed copy of patent w/o color 30.00  SUBMITTED BY  Signature Registration No. (Attorney/Agent) 35,487 Telephone (617) 439-444	HP 3. A	PPLICATION ne specificatio listings under sheets or fract Total Sheets	of independent of SIZE FEE on and drawin 37 CFR 1.52 tion thereof.  Extra 5	ngs exceed 10 (e)), the appl See 35 U.S.C Sheets	00 sheets o lication siz C. 41(a)(1)( <u>Number o</u>	f paper (e e fee due (G) and 3'	is \$250 (\$1: 7 CFR 1.16 <u>litional 50 or</u>	25 for small ( (s). fraction there	entity) for eac	ch additional 5	Paid (\$
SUBMITTED BY Signature  Registration No. (Attorney/Agent)  Registration No. (Attorney/Agent)  30.00  SUBMITTED BY	1nd HP 3. A If t	PPLICATION ne specificatio listings under sheets or fract Total Sheets THER FEE(S)	of independent of SIZE FEE on and drawin 37 CFR 1.52 tion thereof. SExtra 5-100 =	ngs exceed 10 (e)), the appl See 35 U.S.C Sheets	00 sheets o lication siz C. 41(a)(1)( Number o	f paper (e e fee due (G) and 3' of each add	is \$250 (\$1: 7 CFR 1.16 litional 50 or round up to a	25 for small ( (s). fraction there	entity) for eac	ch additional 5	Paid (\$
SUBMITTED BY  Signature  Registration No. (Attorney/Agent) 35,487 Telephone (617) 439-444	1nd HP 3. A If t	= highest numer of PPLICATION ne specification listings under sheets or fract Total Sheets  THER FEE(S) on-English Si	of independent of SIZE FEE on and drawin 37 CFR 1.52 tion thereof. SExtra 5-100 =	ngs exceed 10 (e)), the appl See 35 U.S.C Sheets /50	00 sheets o lication siz C. 41(a)(1)( Number o	f paper (e e fee due (G) and 3' of each add	is \$250 (\$1: 7 CFR 1.16 litional 50 or round up to a	25 for small ( (s). fraction there	entity) for eac	ch additional 5	Paid (\$
Signature Registration No. (Attorney/Agent) 35,487 Telephone (617) 439-444	1 HP 3. A If t	= highest numer of PPLICATION ne specification listings under sheets or fract Total Sheets  THER FEE(S) on-English Si	of independent of SIZE FEE on and drawin 37 CFR 1.52 tion thereof. SExtra 5-100 =	ngs exceed 10 (e)), the appl See 35 U.S.C Sheets /50 \$130 fee (no arge): 1501 1504	00 sheets o lication siz C. 41(a)(1)( Number o o small ent Utility issi Publicatio	f paper (e e fee due (G) and 3' of each add ity discourse fee on fee for	is \$250 (\$1.7 CFR 1.16) Ittional 50 or round up to a unt)	25 for small (s).  fraction there whole number;  untary, or no	entity) for eac	th additional 5    Fee   Fees   1,4   30	Paid (\$) Paid (\$) 00.00
(Attorney/Agent) 55,407 Telephorie (017) 439-444	HP 3. A If t	= highest numer of PPLICATION ne specification listings under sheets or fract Total Sheets  THER FEE(S) on-English Si	of independent of SIZE FEE on and drawin 37 CFR 1.52 tion thereof. SExtra 5-100 =	ngs exceed 10 (e)), the appl See 35 U.S.C Sheets /50 \$130 fee (no arge): 1501 1504	00 sheets o lication siz C. 41(a)(1)( Number o o small ent Utility issi Publicatio	f paper (e e fee due (G) and 3' of each add ity discourse fee on fee for	is \$250 (\$1.7 CFR 1.16) Ittional 50 or round up to a unt)	25 for small (s).  fraction there whole number;  untary, or no	entity) for eac	th additional 5    Fee   Fees   1,4   30	Paid (\$ Paid (\$ 00.00
	HP 3. A If t	highest numer of PPLICATION ne specification listings under sheets or fract Total Sheets  THER FEE(S) on-English State (e.g., late	of independent of SIZE FEE on and drawin 37 CFR 1.52 tion thereof. SExtra 5-100 =	ngs exceed 10 (e)), the appl See 35 U.S.C Sheets /50 \$130 fee (no arge): 1501 1504	00 sheets o lication siz C. 41(a)(1)( Number o o small ent Utility issi Publicatio	f paper (e e fee due (G) and 3' of each add ity discourse fee on fee for	is \$250 (\$1.7 CFR 1.16) Ittional 50 or round up to a unt)	25 for small (s).  fraction there whole number;  untary, or no	entity) for eac	th additional 5    Fee   Fees   1,4   30	Paid (\$ Paid (\$ 00.00
	HP 3. A If t	PPLICATION ne specification listings under sheets or fract Total Sheets THER FEE(S) on-English S ther (e.g., late	of independent of SIZE FEE on and drawin 37 CFR 1.52 tion thereof. SExtra S-100 =	ngs exceed 10 (e)), the appl See 35 U.S.C Sheets /50 \$130 fee (no arge): 1501 1504 8001	00 sheets o lication siz C. 41(a)(1)( Number o o small ent Utility issi Publicatio	f paper (e e fee due (G) and 3' of each add ity discou ue fee on fee for ppy of pa	is \$250 (\$1.7 CFR 1.16) 7 CFR 1.16 6 ditional 50 or ound up to a ant) early, volutent w/o coegistration No	25 for small (s).  fraction there whole number; untary, or no blor	entity) for each	th additional 5  Fee  Fees  1,4 30 3	Paid (\$   Paid (\$   00.00   00.00   0.00



Application No. (if known): 10/024,065

Attorney Docket No.: 56800(46547)

## Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV 755075285 US in an envelope addressed to:

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

on <u>June 14, 2006</u> Date

Signature
Safiya Jarvis
Typed or printed name of person signing Certificate

Registration Number, if applicable

Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Fee Transmittal (1 page) Form PTOL-85 (1 page)

Charge \$1,730.00 to deposit account 04-1105

Return Receipt Postcard